

The diagram shows a mechanical system with several interconnected parts. At the top left, there is a rectangular frame (16) containing a circular component (10 & 17) and a vertical rod (12). A smaller circular component (11 & 18) is shown separately. A detailed view of the top-left corner is provided as 'Detail A' in a separate box, showing the interaction between components 16a, 12, 10 & 17, 11 & 18, 12a, 16, and 13. The main assembly includes a horizontal beam (2) pivoted at its left end (3) to a vertical support (4). A spring (5) is connected to the bottom of the support (4) and a horizontal bar (6). A roller (7) is positioned on the bar (6). A diagonal arm (1) is pivoted at its upper end (24) to the horizontal beam (2) and at its lower end (10) to a horizontal bar (8). A vertical rod (12) passes through the horizontal bar (8) and is secured by a nut (11) and washer (13). A horizontal bar (9) is also connected to the vertical rod (12). On the right side, a vertical rod (15) is pivoted at its bottom (14) and has a horizontal bar (23) attached to it. A vertical rod (21) is also shown, with a horizontal bar (19) and a roller (20) attached to it. A vertical rod (16) is shown at the top right, with a horizontal bar (17) and a roller (18) attached to it. A diagonal arm (E) is shown at the top right, pivoted at its upper end (25) to the horizontal beam (2) and at its lower end (16a) to the vertical rod (15). A horizontal bar (D) is shown at the bottom right, pivoted at its left end (18) to the vertical rod (15) and at its right end (19) to the vertical rod (21).